CATEGORY 3, TYPE F - DEDICATED DIGITAL (< 64 kbps) BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Access To Operations Support Systems Information			BSE				
Automatic Protection Switching		BSE	BSE	BSE	BSE		BSE
Bridging	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Network Reconfiguration				BSE	BSE		
Route Diversity	BSE	BSE		BSE		BSE	
Secondary Channel Capability	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Statistical Multiplexer		BSE					

CATEGORY 3, TYPE G - DEDICATED HIGH CAPACITY DIGITAL (1.544 Mbps) BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Access To Clear Channel Transmission	BSE	BSE	BSA	BSE	BSE	BSE	BSE
Automatic Protection Switching	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Extended Superframe Conditioning	BSE	BSA	BSA	BSA		BSE	BSA
Network Reconfiguration	BSE	BSE		BSE	BSE	BSE	BSE
Route Diversity	BSE	BSE		BSE		BSE	

CATEGORY 3, TYPE H - DEDICATED HIGH CAPACITY DIGITAL (> 1.544 Mbps) BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Automatic Protection Switching		BSE	BSE	BSE	BSE	BSE	
Network Reconfiguration			BSE	BSE	BSE		BSE
Route Diversity	BSE	BSE		BSE		BSE	

CATEGORY 3, TYPE I - DEDICATED ALERT TRANSPORT BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Route Diversity		BSE		BSE			
Verify Integrity of Subscriber Lines				BSA	BSE		

CATEGORY 3, TYPE J - DEDICATED DERIVED CHANNEL BSA	AM	BA	BS	NX	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Data Over Voice (DOV) Service				BSA			BSA
Route Diversity				BSE		BSE	

CATEGORY 3, TYPE K - DEDICATED DIGITAL (64 Kbps) BSA	AM	BA	BS	NX*	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Route Diversity	BSE						

* NYNEX note: NYNEX offers 64 Kbps service associated with the Dedicated High Capæity Digital (1.544 Mbps) BSA.

CATEGORY 4 - DEDICATED NETWORK ACCESS LINK BSA	AM	BA	BS	NX*	PB	SWB	Qwest
GENERIC NAME OF ONA SERVICE							
Calling Directory Number Delivery - via BCLID			BSE		BSE		BSE
Make Busy Key	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Message Desk (SMDI)	BSE	BSE	BSE	BSE	BSE	BSE	BSE
Message Desk (SMDI) - Expanded	BSE					BSE	BSE
Message Waiting Indicator - Activation (Audible)	BSE	BSE	BSE	BSE	BSE		BSE
Message Waiting Indicator - Activation (Audible) - Expanded	BSE						BSE
Message Waiting Indicator - Activation (Visual)			BSE	BSE	BSE		BSE
Network Reconfiguration	BSE	BSE	BSE	BSE	BSE		BSE
Route Diversity	BSE	BSE				BSE	
Verify Integrity of Subscriber Lines	BSE				BSE		

* NYNEX note: NYNEX offers dedicated channels for specific network information or network control informaton as part of the appropriate BSA or BSE that provides the specific capability.

Attachment 4

APPENDICES A AND B

BELL OPERATING COMPANIES

ONA Special Report #5 Update

Appendix A & Appendix B

SEPTEMBER 30, 2008

1. APPENDIX A: RELATIONSHIP BETWEEN ESP REQUESTS FOR NETWORK CAPABILITIES AND ONA SERVICES....4

1. CALL FORWARDING BUSY LINE/DON'T ANSWER....5
2. ACTIVATION OF CALL FORWARDING VARIABLE WITHOUT CALL COMPLETION....5
3. CALL FORWARD DON'T ANSWER INTEROFFICE....5
4. MULTIPLE CALLS FORWARDED TO DID INTEROFFICE....5
5. CALL FORWARDING WITH STATUS INFORMATION TO ANSWERING BUREAU....5
6. ACTIVATION OF CALL FORWARDING VARIABLE WITH CALL COMPLETION....5
7. CALL FORWARDING WITH CALL SCREENING....5
8. CALL FORWARDING WITH CALL WAITING....5
9. CALL FORWARDING WITH CALLED AND CALLING NUMBER....6
10. CALL FORWARD DON'T ANSWER WITH VARIABLE RING COUNTS....6
11. CUSTOMER CONTROL OF CFBL/CFDA....6
12. MONITOR & BARGE IN....6
13. SMDI....6
14. SMDI WITH AUTOMATIC RINGBACK....6
15. 3-WAY CALL TRANSFER....6
16. SPEED CALLING....6
17. REMOTE ACTIVATION OF CUSTOM CALLING SERVICES....7
18. ESP NOTIFICATION OF ESP'S CLIENT OR BOC CONTROL ACTION....7
19. CALL DISTRIBUTION FUNCTIONS INCLUDING QUEUE....7
20. DERIVED LOCAL CHANNELS....7
21. SCREENING....7
22. CALLING DIRECTORY NUMBER DELIVERY....7
23. DELIVERY OF DIALED NUMBER....7
24. UNIFORM ABBREVIATED DIALING....8
25. MULTILINE HUNT GROUPS....8
26. UNLIMITED SIZE HUNT GROUPS....8
27. INDIVIDUAL ACCESS TO EACH PORT IN A HUNT GROUP....8
28. CLASS FEATURES INTEROFFICE....8
29. SUPPRESSED RINGING....8
30. TRUNK SIDE ACCESS....8
31. TRUNK SIDE CONNECTION WITH POWER RINGING....9
32. ACCESS TO EXTENDED SUPERFRAME DATA CHANNEL....9
33. TRUNK GROUP MAKE BUSY....9
34. MESSAGE WAITING INDICATION....9
35. ANSWER SUPERVISION (CONNECT/DISCONNECT INDICATIONS) - LINE SIDE....9
36. NIGHT TRANSFER....9
37. FASTER SIGNALING ON DID....9
38. POST DIALING DTMF SIGNALING FROM PAYSTATIONS....9
39. SELECTED NUMBER REVERSE BILLING RATE PERIOD SPECIFIC....10
40. SINGLE NUMBER ACCESS FOR MULTIPLE LOCATIONS....10
41. ABILITY TO NOTIFY OR INTERRUPT A CUSTOMER....10
42. ABILITY TO RETURN HELD CALL TO CUSTOMER....10
43. INTERCONNECTION FOR SPECIALIZED TERMINAL EQUIPMENT....10
44. PROVISION FOR SHARING AN ESP CLIENT AMONG ESPS....10
45. CUSTOM SERVICE AREAS....10
46. STATISTICAL MULTIPLEXER AT CENTRAL OFFICE....11
47. X.25 INTERFACE TO PACKET SWITCH....11
48. X.75 INTERFACE TO PACKET SWITCH....11
49. ACCESS TO DATA SERVICES....11
50. B-CHANNEL SWITCHED AND DEDICATED ACCESS....11
51. D-CHANNEL DATA DELIVERED ON B-CHANNEL....11
52. MULTIPLE D-CHANNELS ON B-CHANNEL....11

53. ESP ACCESS TO D-CHANNEL SIGNALING....11
54. FEATURE NODE SERVICE INTERFACE (FN/SI)....11
55. SERVICE CONTROL POINT (SCP) DATABASES....11
56. TERM SETS AND INBAND SIGNALING ON ANALOG CHANNELS....11
57. ACCESS TO FUTURE INTELLIGENT FUNCTIONS OF ISDN....12
58. COMPATIBILITY TO EXISTING TERMINALS....12
59. MAPPING ANI TO USER ID (X.75)....12
60. CALLS ACCEPTED WITH BOC'S DNIC OR ESP'S DNIC....12
61. EQUAL ACCESS TO EXCHANGE NETWORK SWITCHING AND TRANSMISSION....12
62. PEAK TRAFFIC HANDLING WITHIN EXCHANGE NETWORK....12
63. ESP DEFINED DYNAMIC ROUTING....12
64. COMMON CHANNEL SIGNALING ACCESS....12
65. DYNAMIC ALLOCATION OF TRANSMISSION CAPACITY....12
66. PROVISION OF BOC NETWORK STATUS INFORMATION....12
67. REAL TIME ACCESS TO EXCHANGE NETWORK TESTING FACILITIES....13
68. DERIVED CHANNELS THAT COMPLY WITH UL AND NFPA....13
69. ONE WAY ALARM TRANSMISSION....13
70. DERIVED CHANNELS COMPATIBLE WITH ISDN....13
71. DIGITAL PRIVATE LINES (DDS)....13
72. DIAGNOSTIC CHANNEL ON DS0 AND SUBRATE LINES....13
73. ERROR DETECTION / ERROR CORRECTION....13
74. ABILITY TO DETECT BREAKS IN TELCO LINE WITHIN 60 SECONDS....13
75. BROADBAND LINK(S) FOR VIDEO TRANSMISSION....14
76. ABILITY TO RECONFIGURE NETWORKS....14
77. ROUTE DIVERSITY....14
78. AUTOMATIC PROTECTION SWITCHING....14
79. PRIVATE LINE CONDITIONING....14
80. MULTIPLE MONITORS PER LOOP....14
81. CLEAR ACCESS TO DATA PORTION OF DERIVED CHANNELS....14
82. DISTINCTIVE RINGING....14
83. 4-WIRE INTERCONNECTION/SWITCHING....15
84. ACCESS TO CLEAR CHANNEL TRANSMISSION....15
85. USER INITIATED DIAGNOSTICS....15
86. PASS THROUGH DIAGNOSTICS TO USER....15
87. INBAND SIGNALING....15
88. BRIDGING....15
89. MONTHLY DETAILED RECORDING....15
90. AUTOMATIC DISABLEMENT OF CALL WAITING TONE DURING DIAL-UP DATA CALL....15
91. ENABLE / DISABLE NETWORK DTMF SIGNALING....15
92. PASSIVE IN-BAND DTMF TONE TRANSMISSION....16
93. EXTEND DTMF TONE SET....16
94. TONE TO DIGITAL TRANSLATION....16
95. MULTIPLE CALL FORWARDING....16
96. VIRTUAL DIAL TONE....16
97. REMOTE ACCESS TO USER PROGRAMMABLE FUNCTIONS (PACKET)....16
98. REMOTE SPEED CALL MENU BUILDER (PACKET)....16
99. SPEED CALL MENU BUILDER (PACKET)....16
100. REMOTE SPEED CALL MENU ACCESS TRANSLATOR (PACKET)....16
101. CARRIER SELECTION ON REVERSE CHARGE....16
102. NETWORK CONTROL BY CUSTOMER FROM CUSTOMER PREMISES....16
103. REAL TIME TRAFFIC USAGE DATA....17
104. CENTRAL OFFICE ANNOUNCEMENTS....17
105. NAME & ADDRESS OF THE CALLING PARTY....17
106. SUPPRESSION OF AUDIBLE CLICK ON CALL FORWARDING (INTEROFFICE)....17
107. BILLING NUMBER DELIVERY....17

108. PRIVACY (CLASSES OF NON-PUBLISHED SERVICE) 17
109. DELIVERY OF TRAVELING CLASS MARK 17
110. USER ID ASSOCIATED WITH CALLING NUMBER AND/OR SERVICE ID CODE 17
111. WARM LINE 17
112. CLOSED USER GROUP (PACKET) 18
113. FAST SELECT (PACKET) 18
114. HUNT GROUP (PACKET) 18
115. CALL REDIRECTION (PACKET) 18
116. DIRECT CALL (PACKET) 18
117. PROGRAMMED DEFAULT CALL FORWARDING 18
118. RESTRICTION OF OUTGOING CALLS (PACKET) 18

APPENDIX B: INDIVIDUAL REGIONAL COMPANY RESPONSES TO THE 118 ESP REQUESTS 19

1. Appendix A: Relationship Between ESP Requests for Network Capabilities and ONA Services

The FCC, in its December 22, 1989 Memorandum, Opinion and Order, recognized the 118 requests for network capabilities included in BOC Special Report Number 1 as the nationally received requests. Not all of these requests are for particular services. For example, some are for attributes that a service should contain; some are for a service to operate in a particular manner. As a result, some ONA services offered meet a number of network capability requests, while some requests are met by a number of ONA services. There is not a one-for-one relationship between network capability requests and ONA services. In addition, some ONA services may be offered by some regional companies as both a BSE and a CNS, depending on the line that the service is applied to.

The following appendix shows the relationship between each of the requested network capabilities, other requested network capabilities and ONA services. The ONA services listed use the Uniform Names developed by the regional companies and contributed to the IILC Issue 006 ONA Services User Guide Task Group.

Following this Appendix A is a summary table (Appendix B) arranged to be similar to Appendix E of the FCC's December 22, 1988 Memorandum Opinion and Order.

Please note – recently, various BOCs have completed, or are in the process of completing, corporate mergers. For Appendix A and Appendix B of BOC ONA Special Report #5, the old company names will continue to be used (for example, Bell Atlantic and NYNEX are listed separately, rather than being combined under the Verizon name; Southwestern Bell and Pacific Bell and Ameritech and BellSouth are listed separately, rather than being combined under the AT&T name).

1. Call Forwarding Busy Line/Don't Answer

This is a request for a service. It is being met by some regional companies by offering thefollowing ONA services:

- Call Forwarding - Busy Line Intraswitch
- Call Forwarding - Busy Line Interswitch
- Call Forwarding - Don't Answer Intraswitch
- Call Forwarding - Don't Answer Interswitch

2. Activation Of Call Forwarding Variable Without Call Completion

This is a request for an attribute of service. It is being met by some regional companies by offering the following ONA service:

- Call Forwarding - Variable - Activation Without Courtesy Call

3. Call Forward Don't Answer Interoffice

This request relates to request number 1. It is being met by offering the following ONA service:

- Call Forwarding - Don't Answer Interswitch

4. Multiple Calls Forwarded To DID Interoffice

This is a request for a particular application of a service. It is being met by some regional companies by offering the following service:

- Call Forwarding - Multiple Simultaneous Calls Interswitch

5. Call Forwarding With Status Information To Answering Bureau

This request is for a particular application of a service. It is being met by some regional companies by offering the following service:

- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

6. Activation of Call Forwarding Variable With Call Completion

This request is for a service. It is being met by offering the following service:

- Call Forwarding - Variable

7. Call Forwarding With Call Screening.

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Selective Call Forwarding

8. Call Forwarding With Call Waiting

This is a request for two services to interact in a particular manner. It is met by some regional companies by offering the following ONA service:

- Call Forwarding Don't Answer After Call Waiting (CFDA After CW)

9. Call Forwarding With Called and Calling Number

This is a request for a particular application of a service. It is related to request number 5. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery - via BCLID
- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

10. Call Forward Don't Answer With Variable Ring Counts

This is a request for a service to operate in a particular manner. It is related to request number 1. It is being met by offering the following ONA services:

- Call Forwarding - Don't Answer Interswitch
- Call Forwarding - Don't Answer Intraswitch
- Call Forwarding With Variable Rings

11. Customer Control of CFBL/CFDA

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Busy Line or Don't Answer - Customer Control of Activation/Deactivation
- Call Forwarding - Busy Line or Don't Answer - Customer Control of Forward-To Number

12. Monitor & Barge In

This is a request for a service that requires development.

13. SMDI

This is a request for a particular interface. It is related to requests number 5 and 9. It is being met by some regional companies by offering the following ONA service:

- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

14. SMDI With Automatic Ringback

This is a request for a service to operate in a particular manner. Based on the findings in IILC Issue #030 (Message Waiting Indication: Ringback After Busy Transfer), it is being met by some regional companies by offering the following combination of services:

- Distinctive Ringing - Terminating Screening (client needs to have a second telephone number)
- Call Forwarding - Variable (or Call Forwarding Busy Line/Don't Answer)

15. 3-Way Call Transfer

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Three Way Call Transfer

16. Speed Calling

This is a request for a service. It is being met by offering the following ONA service:

- Speed Calling

17. Remote Activation of Custom Calling Services

This is a general request for a number of services to operate in a particular manner. A specific application of this operation relates to request number 11. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Variable - Remote Activation/Control

18. ESP Notification Of ESP's Client Or BOC Control Action

This is a request for a service to operate in a particular manner. This operation requires development.

19. Call Distribution Functions Including Queue

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - C. O. Announcements
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing
- DID Trunk Queuing

20. Derived Local Channels

This is a request for service to be delivered using a particular technology. It is being met by some regional companies by offering the following ONA services:

- Data Over Voice (DOV) Service
- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type J - Dedicated Derived Channel BSA

21. Screening

This is a general request for a network capability. Specific applications of this capability relate to request number 7. It is being met by some regional companies by offering the following ONA services:

- Selective Call Forwarding
- Selective Call Rejection

22. Calling Directory Number Delivery

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Calling Directory Number Delivery - via BCLID
- Calling Directory Number Delivery - via ICLID
- Message Desk (SMDI)
- Message Desk (SMDI) - Expanded

23. Delivery of Dialed Number

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Called Directory Number Delivery via 900NXX

24. Uniform Abbreviated Dialing

This is a request for a service. It is being met or partially met by some regional companies by offering the following service:

- Shared Speed Calling

25. Multiline Hunt Groups

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - Individual Access To Each Port In Hunt Group
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing

26. Unlimited Size Hunt Groups

This is a request for an attribute of a service. It is related to request number 25. It is being met by some regional companies by offering the following ONA services:

- Multiline Hunt Group
- Multiline Hunt Group - Overflow
- Multiline Hunt Group - Uniform Call Distribution Line Hunting
- Multiline Hunt Group - UCD With Queuing

27. Individual Access To Each Port In A Hunt Group

This is a request for service. It is related to request numbers 25 and 26. It is being met by offering the following ONA service:

- Multiline Hunt Group - Individual Access To Each Port In Hunt Group

28. CLASS Features Interoffice

This is a general request for a group of services to operate in a particular manner. It is being met by some regional companies by offering the following ONA services:

- Automatic Callback
- Automatic Recall
- Customer Originated Trace
- Distinctive Ringing
- Selective Call Forwarding
- Selective Call Rejection
- Calling Directory Number Delivery - via ICLID
- Calling Directory Number Delivery - via BCLID

29. Suppressed Ringing

This is a request for a service. This service requires development.

30. Trunk Side Access

This is a request for a service. It is being met by offering the following ONA service:

- Category 1, Type B - Circuit Switched Trunk BSA

It is also being met by some regional companies by offering the following service:

- Trunk Side Access BSA

31. Trunk Side Connection With Power Ringing

This is a request for a service. This service requires development.

32. Access to Extended Superframe Data Channel

This is a request for a particular application of a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
- Extended Superframe Conditioning

33. Trunk Group Make Busy

This is a request for a service. It is being met by offering the following ONA service:

- Make Busy Key

34. Message Waiting Indication

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Message Waiting Indicator - Activation (Audible)
- Message Waiting Indicator - Activation (Audible) - Expanded
- Message Waiting Indicator - Activation (Visual)
- Message Waiting Indicator - Activation (Visual) - Expanded
- Message Waiting Indicator - Packet Access
- Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting
- Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting

35. Answer Supervision (Connect/Disconnect Indications) - Line Side

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Answer Supervision With A Line Side Interface
- Cut Off On Disconnect

36. Night Transfer

This is a request for a particular application of a service. It is related to request number 33. It is being met by offering the following ONA service:

- Make Busy Key

37. Faster Signaling On DID

This is a request for a particular type of signaling on a service. It is related to request number 23. It is being met by some regional companies by offering the following ONA services:

- Called Directory Number Delivery via DID
- Category 1, Type B - Circuit Switched Trunk BSA
- Faster Signaling On DID

38. Post Dialing DTMF Signaling From Paystations

This is a request for a service to operate in a particular manner. Existing coin lines operate in the manner requested. It is being met by some regional companies by offering the following service:

- Coin Phone With Post Dialing Tone Capability

39. Selected Number Reverse Billing Rate Period Specific

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Reverse Billing On Circuit Switched Access
- Reverse Charge Acceptance - Packet
- Uniform 7 Digit Access Number - Remote Call Forwarding
- Coin Phone With Post Dialing Tone Capability

40. Single Number Access For Multiple Locations

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Uniform 7 Digit Access Number - Remote Call Forwarding
- Uniform 7 Digit Access Number via Overlay Networking
- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA
- Single Number Access for Multiple Locations

41. Ability To Notify Or Interrupt A Customer

This request is for a particular application of services. It is related to request number 34. It is being met by some regional companies by offering the following ONA services:

- Message Waiting Indicator - Activation (Audible)
- Message Waiting Indicator - Activation (Audible) - Expanded
- Message Waiting Indicator - Activation (Visual)
- Message Waiting Indicator - Activation (Visual) - Expanded
- Message Waiting Indicator - Packet Access
- Message Waiting Indicator (MWI) - Ability To Receive Audible Message Waiting
- Message Waiting Indicator (MWI) - Ability To Receive Visual Message Waiting
- Distinctive Ringing

42. Ability To Return Held Call To Customer

This is a request for a service that requires development.

43. Interconnection For Specialized Terminal Equipment

This is a general request that cannot be met by a particular service. It is being met by some regional companies by the various basic serving arrangements (BSAs). If there are particular applications that are not compatible with the BSAs, they must be specifically identified.

44. Provision For Sharing An ESP Client Among ESPs

This is a request for a particular application of a service. The requested service requires development.

45. Custom Service Areas

This is a request for a particular application of a service. It is related to request number 30. It is being met or partially met by some regional companies by offering an alternative of the following ONA service:

- Category 1, Type A - Circuit Switched Line BSA.
- Category 1, Type B - Circuit Switched Trunk BSA.

It is also being met or partially met by some regional companies by offering the following ONA service:

- Tandem Routing

46. Statistical Multiplexer at Central Office

This is a request for a particular equipment configuration to support a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA
- Statistical Multiplexer

47. X.25 Interface To Packet Switch

This is a request for a service. It is being met by offering the following ONA service:

- Category 2, Type A - X.25 Packet Switched BSA

48. X.75 Interface To Packet Switch

This is a request for a service. It is being met by offering the following ONA service:

- Category 2, Type B - X.75 Packet Switched BSA

49. Access To Data Services

This is a request for a particular application of a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Hot Line
- Warm Line
- Preselection for Data Services

50. B-Channel Switched and Dedicated Access

This is a request for a service that requires development.

51. D-Channel Data Delivered on B-Channel

This is a request for a service that requires development.

52. Multiple D-Channels on B-Channel

This is a request for a service that requires development.

53. ESP Access to D-Channel Signaling

This is a request for a service that requires development.

54. Feature Node Service Interface (FN/SI)

This is a request for a particular interface that requires development.

55. Service Control Point (SCP) Databases

This is a request for a service that requires development.

56. Term Sets and Inband Signaling on Analog Channels

This is a request for a particular interface. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 3, Type C - Dedicated Voice Grade BSA

57. Access to Future Intelligent Functions of ISDN

This is a general request for access to services that may be developed in the future.

58. Compatibility to Existing Terminals

This is a general request that cannot be met by a particular service. It is being met by some regional companies by the various basic serving arrangements (BSAs). If there are particular applications that are not compatible with the BSAs, they must be specifically identified.

59. Mapping ANI to User ID (X.75)

This is a request for a service that requires development.

60. Calls Accepted With BOC's DNIC or ESP's DNIC

This is a request for an attribute of a service. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA

61. Equal Access to Exchange Network Switching and Transmission

This is a general request that cannot be met with a particular service. It is being met by various BSAs.

If there are particular applications that are not being met by the services offered by the BSAs, they must be specifically identified.

62. Peak Traffic Handling Within Exchange Network

This is a request for a network management capability that requires development.

63. ESP Defined Dynamic Routing

This is a request for a particular application of a service. It is related to requests number 25 and 33. It is being met or partially met by some regional companies by offering the following ONA services:

- Alternate Routing
- Multiline Hunt Group
- Make Busy Key
- Network Reconfiguration

64. Common Channel Signaling Access

This is a request for a particular type of signaling interface associated with various services. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 1, Type B - Circuit Switched Trunk BSA
- Category 4 - Dedicated Network Access Link BSA

65. Dynamic Allocation of Transmission Capacity

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA service:

- Network Reconfiguration

66. Provision of BOC network status information.

This is a request for a service that requires development.

67. Real Time Access To Exchange Network Testing Facilities

This is a request for a network management capability. It is being met or partially met by some regional companies by offering the following ONA service:

- Access To Operations Support Systems Information

68. Derived Channels That Comply With UL and NFPA

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type I - Dedicated Alert Transport BSA

69. One Way Alarm Transmission

This is a request for a service. It is being met or partially met by some regional companies by offering the following ONA services:

- Category 3, Type I - Dedicated Alert Transport BSA
- Derived Channels (Monitoring)
- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA

70. Derived Channels Compatible with ISDN

This is a request for two services to interact in a compatible manner. This interaction requires development.

71. Digital Private Lines (DDS)

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type F - Dedicated Digital (< 64 kbps) BSA
- Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
- Multiplexing – Digital

72. Diagnostic Channel on DS0 and Subrate Lines

This is a request for a service. It is being met by offering the followingservice:

- Secondary Channel Capability

73. Error Detection / Error Correction

This is a request for an attribute of a service. It is related to requests 47 and 48. It is being met or partially met by some regional companies by offering the following services:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA

74. Ability to Detect Breaks in Telco Line Within 60 Seconds

This is a request for a particular application of a service. It is related to request number 68. It is being met or partially met by some regional companies by offering the following ONA services:

- Verify Integrity of Subscriber Lines
- Derived Channels (Monitoring)
- Category 3, Type I - Dedicated Alert Transport BSA

75. Broadband Link(s) for Video Transmission

This is a request for a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type E - Dedicated Video BSA
- Category 3, Type H - Dedicated High Capacity Digital (>1.544 Mbps) BSA

76. Ability To Reconfigure Networks

This is a request for a service. It is being met by offering the following ONA service:

- Network Reconfiguration

77. Route Diversity

This is a request for an attribute of a service. It is being met or partially met by some regionalcompanies by offering the following ONA services:

- Category 1 - Circuit Switched BSA
- Category 3 - Dedicated Basic Serving Arrangement
- Category 4 - Dedicated Network Access Link BSA
- Automatic Protection Switching
- Network Reconfiguration
- Route Diversity

78. Automatic Protection Switching

This is a request for a service. It is being met by offering the following ONA service:

- Automatic Protection Switching

79. Private Line Conditioning

This is a request for a service. It is being met by offering the following ONA service:

- Conditioning

80. Multiple Monitors per Loop

This is a request for a particular application of a service. It is being met or partially met by some regional companies by offering the following services:

- Category 3, Type I - Dedicated Alert Transport BSA
- Derived Channels (Monitoring)

81. Clear Access To Data Portion of Derived Channels

This is a request for an attribute of a service. It is being met by some regional companies by offering the following services:

- Category 3, Type J - Dedicated Derived Channel BSA
- Category 1, Type A - Circuit Switched Line BSA (Data up to 19.2 kbps Alternative)

82. Distinctive Ringing

This is a request for a service. It is being met by some regional companies by offering the following services:

- Distinctive Ringing
- Distinctive Ringing - Terminating Screening

83. 4-Wire Interconnection/Switching

This is a request for a particular type of interface. It is being met by or partially met by some regional companies by offering the following ONA services:

- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA

84. Access to Clear Channel Transmission

This is a request for an attribute of a service. It is being met by some regional companies by offering the following ONA services:

- Category 3, Type G - Dedicated High Capacity Digital (1.544 Mbps) BSA
- Access To Clear Channel Transmission
- Category 3, Type K - Dedicated Digital (64 kbps) BSA

85. User Initiated Diagnostics

This is a general request for a group of services. These services need to be better defined and then developed. However, this is being met or partially met by some regional companies by offering the following service:

- Access To Operations Support Systems Information

86. Pass Through Diagnostics To User

This is a general request for service. It is being met or partially met by some regional companies by offering the following service:

- Access To Operations Support Systems Information

87. Inband Signaling

This is a request for a particular type of signaling interface. It is related to request number 56. It is being met or partially met by some regional companies by offering the following ONA service:

- Category 3, Type C - Dedicated Voice Grade BSA

88. Bridging

This is a request for a service. It is being met by offering the following ONA service:

- Bridging

89. Monthly Detailed Recording

This is a request for a service. It is being met or partially met by some regional companies by offering the following services:

- Call Detail Recording Reports
- Call Detail Recording Reports (Packet)

90. Automatic Disablement Of Call Waiting Tone During Dial-Up Data Call

This is a request for a service. It is being met or partially met by offering the following ONA service:

- Call Waiting - Cancel

91. Enable / Disable Network DTMF Signaling

This is a request for a service that requires development.

92. Passive In-Band DTMF Tone Transmission

This is a request for a service that requires development.

93. Extend DTMF Tone Set

This is a request for a service that requires development.

94. Tone to Digital Translation

This is a request for a service to operate in a particular manner. This requires development.

95. Multiple Call Forwarding

This is a request for a service to operate in a particular manner. It is related to requests number 1 and 4. It is being met by some regional companies by offering the following ONA services:

- Call Forwarding - Multiple Simultaneous Calls Interswitch

96. Virtual Dial Tone

This is a request for a particular attribute of a service. It is related to requests number 47 and 48. It is being met by some regional companies by offering the following services:

- Category 2, Type A - X.25 Packet Switched BSA
- Category 2, Type B - X.75 Packet Switched BSA

97. Remote Access to User Programmable Functions (Packet)

This is a request for a service that requires development.

98. Remote Speed Call Menu Builder (Packet)

This is a request for a service that requires development.

99. Speed Call Menu Builder (Packet)

This is a request for a service that requires development.

100. Remote Speed Call Menu Access Translator (Packet)

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Menu Access Translator - Gateway

101. Carrier Selection On Reverse Charge

This is a request for a service. It is being met by some regional companies by offering the following ONA service:

- Carrier Selection on Reverse Charge

It is also being met or partially met by some regional companies by offering an alternative of the following ONA services:

- Category 1, Type A - Circuit Switched Line BSA
- Category 1, Type B - Circuit Switched Trunk BSA (800 dialing plan alternative)

102. Network Control By Customer From Customer Premises

This is a request for service that requires development.